

Tennessee Pollution Prevention Roundtable Thursday, June 14, 2007

University of Tennessee Center for Industrial Services

Nashville, Tennessee

Next TP2R meeting dates:

- Thursday, September 6/13, 2007, (date/location to be determined)
- Thursday, December 6, 2007 (date/location to be confirmed)

Notes from the June 14, 2007 Roundtable Meeting

Refreshments, lunch and virtual tour provided by UT Center for Industrial Services. Many thanks to Don Stone for organizing the meeting accommodations and presenting an overview of the services and benefits of UT-CIS. Click here to see the PowerPoint presentation.

Ann Olsen and Don Stone welcomed us to the TP2 Roundtable meeting at the UT Center for Industrial Services offices. After introductions around the room, the floor was open for updates and announcements.

TDEC Deputy Commissioner Paul Sloan was unable to attend the meeting as planned. Elaine Boyd and Lori Munkeboe reported out on the Alternative Fuels conference held at Montgomery Bell State Park. Important message to keep open to all alternatives.

Ann welcomed and introduced John McFadden, Executive Director of Tennessee Environmental Council (TEC). John briefed the group of attendees with the mission and objectives of TEC and invited all to participate in the TEC's Summit for Sustainable Tennessee (used to be called Environmental Congress,), scheduled for November 15 and 16, 2007 at Lipscomb University.

The intent of the Summit is to develop a common conservation agenda and action plan as conservation is broader than the 'traditional' environmental community; and includes many aspects of quality of life etc – so not just a legislative agenda (See Attached):

Education and outreach

Legislative initiatives

Projects on the ground

TEC benefits from more volunteer participation – enthusiasm, education, inspiration, connection, etc.

TEC and Litigation – yes, still a tool, using decision-making filters, lawsuits as a last resort; acknowledging that there are often many better ways to achieve desired results.

TEC's Strategic Plan – Core program areas include

Healthy communities, physical, emotional, spiritual health

Wildlife and habitat Conservation and restoration

Legislative and regulatory Affairs

Environmental Legacy

TN watershed Support center

TEC is trying to work with Watershed Groups around the state, incorporating education, restoration and conservation in their activities.

Discussion followed the presentation:

Ann Olsen observed— (1) TP2R focus has been TP3 — partnership opportunities for Summit could include the synergy of TEC and TP3; she encouraged consideration of a TEC representative on TP2R Planning Team; (2) Litigation and Legislation are necessary to build a stronger sustainable TN network to achieve action/change; and (3) USGBC involvement in Summit would be beneficial to both organizations. She suggested that TP2R/ TP3 include a great group of enthusiastic participants for Summit, and could contribute efforts related to communication, promotion, and publicity.

Vaughn Cassidy reiterated the apparent absence of environmental group in West Tennessee and the need for educational presence.

There was general discussion of a TEC speakers Bureau across TN; in collaboration with other groups (USGBC, Earth Craft, Homebuilders Associations, etc.)

Announcements and Updates around the table

Nashville Earth Day Activities--Charles Jobe, TDEC Nashville Environmental Coordinator, relayed information regarding the history and circumstances of the Nashville Earth Day Festival. The culturally diverse, regional event has been going on in its current form for the past six years, ranging from very small to quite large, with the 2007 Festival the biggest, best ever! A TDEC/TDOT highlight was the unveiling of a joint watershed signage project. Discussion included participation of TP2R for next year; a focus on sustainability and Waste Free event site; TEC could provide trees for assist with carbon footprint; etc.

Higher Education Working Group – Jack Barkenbus, Vanderbilt Center for Environmental Management Studies (VCEMS) updated the group on activities of the TP2R Higher Education Sustainability Working Group, which coordinated the 2nd Annual Higher Education Sustainability Conference, held in March 07 at Belmont University. Dr. Barkenbus reiterated appreciation of sponsors, speakers and participants. The conference provided three session tracks: (1) Sustainability in Educational Curricula; (2) Sustainable Practices and Campus Operations; and (3) Climate Change Actions. The 07 Conference hosted 161 registrants --33% increase over 2006 Conference; 21 HE institutions were represented and 45% of the attendees were students.

A highlight of the Conference occurred as Representatives of six Tennessee institutions of Higher Education signed the Talloires Declaration, committing their campuses to sustainability in the future. The conference luncheon set a new bar for excellence: locally grown, organic, diverse, beautifully presented and all quite delicious! Planning for 2008 is in progress.

Lipscomb Conference – Dodd Galbreath, URS, is the primary coordinator of an event anticipated for Spring 08, in conjunction with the 2008 HE Conference. Stemming from an event co-sponsored by the Middle Tennessee Regional Environmental Forum that brought William McDonough to Nashville College of Business & Sustainable Practices; the Lipscomb Conference will be a Southeast Regional 2-day event (Thursday/Friday) with associated Trade Show for Sustainable Products (Friday/Saturday.) For more information, contact Dodd at Dodd_Galbreath@URSCorp.com.

Net Impact – Jeff Gowdy, told the group about Net Impact, New leaders changing world through new actions. Started at Stanford in 1992, the National organization is comprised of students, professionals, and business schools. Vanderbilt's Owen School of Business will host the Annual Conference November 1-3, 2007. This year's conference is anticipated to include community involvement, a national audience of 1500 – 2000 participants, keynote speakers from Dupont CEO Chad Holliday, Patogonia founder Yves Chanaird, and other nationally recognized environmental leaders. Session tracks, panels, and a networking Career Fair offer many opportunities to speak, sponsor, and get involved. Opportunity exists for participation and sponsorship of conference tracks which are Environment; Community and International Development, CSR; The Business of Health Care; and Career and Leadership Development. Networking and entertainment events will be hosted/sponsored by the Ryman Auditorium and Wildhorse Saloon.

For more information, visit <u>www.netimpact.org</u> or contact Jeff by email <u>gowdy@kilowattours.org</u>.

Tammy Medlen, TDEC Air Pollution Control Division, gave a report out Clean Air Month with a presentation of the <u>May 2007 activities</u>.

<u>TP3-PT Workshops</u>: TP3 and Performance Track members, with TDEC support, will host 3 workshops in September. Visit for additional information and updates. Spring 2008: KY-TN Green Building Conference with focus on Water Efficiency

Small Groups Working Session Discussion Summary

Ann facilitated a lively discussion of (non-TDEC) TP2R participants and TP3 members represented at the meeting. Issues, concerns, suggestions for improving TP3 programmatically and administratively were recorded and are noted below.

Incentives to progressing in TP3

The group covered a wide range of considerations that could encourage and facilitate members moving up through the levels of TP3. Value to the member is a critical element, and that determination varies by category and situation. Visibility, Recognition, Personal Assistance, Ease of Access to program information were some of the topics discussed. More program details and a TP3 Infomercial for members to use to describe the program "up the chain" would be helpful. Regulatory benefits were discussed as a worthy benefit, although not the driver for entering or progressing through the levels. Value and recognition within TDEC, such as mention at awards ceremonies and in press releases, and communication at a higher level within TP3 members and TDEC leadership that TP3 status is "Important to the organization/facility/department" were among the issues discussed.

Suggested Performer Level Benefits:

10% discount for Performer Member employees at State Parks (Similar to State Employee Discount)

10% discount for Conservationist Magazine (1 yr)

More TP3 Performer SS/Articles in TN Conservationist and right to reproduce the article. More PR for TP3! Include in department articles and information, homepage, etc.

TDEC sponsored conference/events: promote/recognize TP3! Every opportunity

Communicating TP3 Criteria

Specific requests brought up during the work session include the availability of the TP3 Overview and Partner Packet; Web Links to and from other organizations; increase active PR/Media efforts and visibility at events and conferences (several opportunities this fall!) and getting TP3 stories into general media stories to develop recognition within environmental community.

Suggestions included the Nashville Business Journal; a GESA Publication (similar to ECOS that was shared at the TP2R meeting); a Special Edition of Conservationist to spotlight TP3 and PTrack members; share TP3 member accomplishments and awards (such as DENSO 2006 EPA Climate Award, shared at the TP2R meeting); and again, to develop/produce an Infomercial about TP3.

TP3-PT workshops purpose and desired outcomes

The group provided several ideas when solicited for suggestions to include in sessions and presentations:

What are similarities & opportunities to align TP3 and PTrack?

Suggestion to form a subgroup/task force (TP3 Performers & Partners, CIS)

Workshop Assistance with Success Story development- Hands On Activity

School curriculum model: process-based for students

Something for schools, specifically at workshops?

(TEC involvement suggested/offered)

School curriculum model: process based for students

School Discussions – EMS adaptations

Connect TP3 members with schools / leaders

EMS Notebook for non-iso members

TP3 P2 activities = Envr Ed

CIS TP3 contact assistance

Develop a "Job description" for mentoring!

Clarification needed: Yes, ISO cert replaces EMS checklist for achieving and maintaining Performer Level; Site Visit still part of Performer Review.

Moving up requires internal values/drive within members

Tangible benefits (discounts for employees)

Mentoring Assistance

Sessions on EMS development & implementation

TP2R Business Items

Karen Grubbs reminded the group that the current Planning Team is in transition. Many thanks to Ann Olsen and Diane Scher for their steadfast determination and amazing creativity in their contributions toward planning and organizing the past several years of TP2R meetings. They have fulfilled their commitments to the roundtable planning effort, and we certainly have good examples to follow. New members to the planning team are Dana Scates, with Volvo Penta Marine in West Tennessee, and Jeff Gowdy, with J. Gowdy Consulting have both agreed to participate on the TP2R planning team for a limited time. Roles and responsibilities of the team include attendance at planning meetings (usually conference calls) to:

Develop meeting agenda

Interact with others to encourage participation and leadership

Propose Strategy for larger commitments (working groups, for example)

Please thank and support the current planning team with your ideas and suggestions!

Jack Barkenbus, Vanderbilt Center for Environmental Management Studies Judy Takats, World Wildlife Fund Jeff Gowdy, J. Gowdy Consultin

(VCEMS) Sandra Graves, JTEKT

Dana Scates, Volvo Penta Marine Invited: TEC

Administrative support: Karen Grubbs, TDEC Office of Environmental Assistance

Discussion of the September Meeting (9/6 or 9/13)

Suggestion to avoid 9/13 because of several other events that day

Location could be away from Nashville, in effort to provide hosting opportunities

Discussion of holding a longer meeting / and providing lunch (OEA can provide some funding)

Agenda item request – tangible products shared (Partner Packet)

Allow more time for announcements & updates

Provide Welcome/Invitation to make announcements when sending meeting notice

Remote locations / web cast connection

TP3 PN-PF Host

Special Email

Email Survey: areas of interest

What would you like to see TPR2 do?

What would bring you to a meeting?!

The new Planning Team will determine the date and location of the next meeting and communicate the information and agenda in a timely manner

Lunch and virtual tour provided by UT-CIS

Many thanks to Don Stone for organizing the meeting accommodations and presenting an overview of the services and benefits of UT-CIS. Click here to see the <u>PowerPoint</u> presentation.

TP3 Performer Level Review Board Meeting

Congratulations to the four members continued for Maintaining Performer status: Bridgestone Firestone, North America, LLC- Warren County facility; GM Spring Hill; and Centennial High School

Delta Faucet had been granted request to postpone review; rescheduled for December meeting. Curtis Hopper presented the current version of TP3 Performer Level Review Panel Manual of Procedures

Miscellaneous TP2R Announcements June 14, 2007

DENSO receives **EPA** Climate Award

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The Clean Air Partnership is participating in the American Lung Association's Asthma Walk on **June 23rd at Nashville Shores.**

We are raising funds for asthma education and asthma management programs for asthmatics and their families.

You can help by making a pledge through the web site

http://www.mrsnv.com/evt/e01/part.jsp?rid=660375&id=1435&acct=5133138082.

Clean Air Partnership of Middle TN

(615) 653-9022

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On Tuesday, May 29th, the Tennessee House passed HB 1218, written by Kilowatt Ours and Trust for the Future, 97-0. The Bill requires that the Comptroller complete an audit of all energy activities in the State every five years. The vote by the House follows the Senate's 29-0 March vote of the same Bill. Once signed by Governor Bredesen, this Bill will, for the first time since 1983, create accountability for all the laws dealing with energy on the books in Tennessee.

"Kilowatt Ours" educates consumers about the benefits of energy conservation and renewable power generation. For more information, or to request your own "Kilowatt Ours" DVD, log on to: KilowattOurs.org

http://www.KilowattOurs.org.

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JTEKT Announcements

Adrian Ridley is leaving on Saturday, getting married and will be out on his honeymoon. Sandra Graves is getting married on July 7, 2007.

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Email Transmittal from Paul Sloan, Dep Commissioner of TN Dept of Environment and Conservation. Sent out Wednesday, June 13, 2007.

Congratulations to all who contributed information that enabled TDEC to be prominently featured in The Environmental Council of the States (ECOS) Annual Innovations Edition entitled *Forty Bright Ideas*. Of the 40 ideas featured from all the states, **11 were from TDEC (over 25%)!** This prominent display gives TDEC some much-deserved recognition for the innovative efforts undertaken by each of you and your staff. Our vision has been that Tennessee be a model of environmental stewardship. ECOS's selections of Tennessee programs certainly suggest we are on the right path. THANKS!

The ideas featured include the following:

Diesel Working Group

Indoor Air Quality Tools for Schools Outreach

Water Pollution Control Web-Based Database

on Permitted Facilities and Sites

Onsite Training and Technical Assistance for

Small Water System Operators

School Lab Chemical Cleanout Campaign

State Employee Recycling Program

Grant Tracking Spreadsheet Pollution Prevention Roundtable

Governor's Environmental Stewardship Awards

Annual East Tennessee Environmental

Conference

Green Vacation Green Home Model

Demonstration Project

Please be sure to pass this message on to your staff. Again, congratulations!

[Full Text copy of ECOS Report and TN Excerpts at 6/14/07 TP2R Meeting]

TP2R Attendee List for June 14, 2007

Name	Affiliation	Email Address/Phone Number	Postal Address
Dr. Jack Barkenbus	Vanderbilt University Center for Environmental Management Studies	jack.barkenbus@Vanderbilt.Edu 615-385-4625	Vanderbilt University Center for Environmental Management Studies Nashville TN 37996-4134
Ms. Elaine Boyd	TDEC Commissioner's Office Strategic Planning Manager	Elaine.Boyd@state.tn.us 615-532-0288	401 Church St, 1st Floor Annex Nashville TN 37243
Mr. Vaughn Cassidy	TDEC-JEFO Environmental Coordinator Office of Environmental Assistance	vaughn.cassidy@state.tn.us 731-512-1343	362 Carriage House Dr Jackson TN 38305
Mr. Sean Fisher	Bridgestone Firestone, Inc Warren Co Senior Environmental Engineer Bridgestone/Firestone Warren Plant	seanfisher@bfusa.com 931-668-5500 x 1033	725 Bridgestone Drive Morrison TN 37357
Mr. Dodd Galbreath	URS Corporation - Franklin Office	Dodd_Galbreath@urscorp.com 615-224-2144	
Mr. Jeff Gowdy	J. Gowdy Consulting	jeff@jgowdyconsulting.com 615-473-4098	
Ms. Karen Grubbs	TDEC-OEA Manager, Education and Outreach	karen.grubbs@state.tn.us 615-532-0463	401 Church, 8th Floor Nashville TN 37243-1533
Mr. Curtis Hopper	TDEC-OEA TP3 Program Coordinator	curtis.hopper@state.tn.us 615-253-1729	401 Church, 8th Floor, L&C Tower Nashville TN 37243
Mr. Charles Jobe	TDEC-NEFO Environmental Coordinator Office of Environmental Assistance	charles.jobe@state.tn.us 615-687-7074	711 RS Gass Blvd Nashville TN 37216
Mr. John McFadden	TN Environmental Council	jfm@hughes.net	
Ms. Tammy Medlen	TDEC-APC	Tammy.Medlen@state.tn.us 615-532-0531	401 Church St Nashville TN 37243
Ms. Lori Munkeboe	TDEC-OEA Director	lori.munkeboe@state.tn.us 615-532-0705	401 Church St, 8th Floor L&CTower Nashville TN 37243-1533
Ms. Ann Olsen	VCEMS	ann.olsen@comcast.net 615-354-0180	
Ms. Diane Scher	Bridgestone Firestone NT, LLC Manager, Environmental Affairs Environmental Management	ScherDiane@bfusa.com 615-937-6971	535 Marriott Drive, 7th Floor Nashville TN 37214
Mr. Mark Schwartz	Old Hickory Watershed Association Chairperson	mfs3d@netzero.com 615-371-9898	
Mr. Don Stone	UT-CIS	Don.Stone@Tennessee.edu 615-532-4924	UT Center for Industrial Services 193 C Polk Avenue Nashville, TN 37210

TP3 Membership Statistics

June 12, 2007 TP3 Category/Level Totals

Category	Level		Total	
Business	Pledge		25	
	Prospect		65	
Business		Total:		90
Gov't Agency	Performer		1	
	Partner		1	
	Pledge		13	
	Prospect		34	
Gov't Agency		Total:		49
Household	Partner		1	
	Pledge		19	
	Prospect		73	
Household		Total:		93
Industry	Performer		7	
	Partner		16	
	Pledge		38	
	Prospect		62	
Industry		Total:		123
Organization	Pledge		8	
	Prospect		32	
Organization		Total:		40
School: K-12	Performer		1	
	Partner		11	
	Pledge		73	
	Prospect		143	
School K-12		Total:		228
School: HE	Partner		1	
	Pledge		9	
	Prospect		12	
School HE		Total:		22

If you are not currently a member of TP3, visit our website to learn more about the Partnership and see how easy it is to Sign Up!

www.tp3.org
or
www.tdec.net/ea/tp3

TP3 Membership Level Totals		
Level	Total	
Performer	9	
Partner	30	
Pledge	185	
Prospect	421	
Total	<i>645</i>	

Total TP3 Membership

645



TP3 COMMITMENT CHALLENGE



At the 2006 Cultivating P2 Conference, the TP3 Performers launched the Tennessee Pollution Prevention Commitment Challenge. Participants would report current environmental improvements and set two-year goals for further progress. These quantified results will be presented at the 2008 TN Pollution Prevention Conference. The Commitment Challenge focuses on five central environmental areas where, as reductions occur, we improve our overall environmental position. We welcome participation from other entities within Tennessee that want to positively impact the environment, even those who are unable attend the conference.

The information will be tallied and identifying information will be kept confidential. Periodic updates will be shared through the Tennessee Pollution Prevention Roundtable and the Tennessee Pollution Prevention Partnership. Bob Booker, Legal and Environmental Engineering Manager at TP3 Performer DENSO Manufacturing Tennessee, will receive the data and compile the results. Please participate in this challenge and help us demonstrate that organizations do care about our environment and are taking steps to improve it. Contact Bob Booker at (865) 981-5203 or by email at bob_booker@denso-diam.com for more information about this Challenge and how to participate.

Environmental metrics are used to measure successes from pollution prevention (P2) projects. The Tennessee Pollution Prevention Partnership (TP3) is challenging all TN 2006 P2 Conference participants to commit to reducing their environmental impact in the five (5) P2 project areas:

P2 Project Areas	Baseline Year	Unit of Measure	Normalizer	Target
1. Clean Air				
2. Energy Conservation				
Hazardous Materials Management				
4. Land and Water Conservation				
5. Waste Reduction				

4. Land and	Water Conservation					
5. Waste Re	eduction					
Baseline	Year: The beg	inning year used as	s a basis for compa	rison (example:	2005)	
Unit of Measure:	Examples includ	le: tons VOC, kWh ha	electricity, ccf natu azardous waste	ral gas, gallons	water, pounds	
Normalizer:		ed to adjust the targ ple: sales, number o		•	•	
	Target:	A desired goa	l (example: 10% re	duction)		
	Results will be share	ed at the next TN P	ollution Prevention	Conference		
Company N	lame					
Address						
City		State		Zip Code		
Are you in 7	TP3 member? Yes	S No If no, a	are you interested i	n joining? Yes	_ No	
Please complete ar		Bob Book so Manufacturing T 1720 Robert C. Jac	ennessee, Inc.			

Maryville, TN 37801-3797

TP2R Meeting Attendee List mrg.doc